

**REMARKS**

Claims 1-49 are in the case and presented for reconsideration. Claims 1, 11, 17, 21, 23, 27, 38, 44 and 48 have been amended. No new matter has been added.

Claims 1-49 have been rejected under 35 U.S.C. § 101 as being directed to non-statutory subject matter. Claims 1, 11, 17, 21, 23, 27, 38, 44 and 48 have been amended in accordance with the Examiner's suggestion. Accordingly, these amendments are believed to have overcome this rejection.

Claims 1-49 have been rejected under 35 U.S.C. § 103 (a) as being unpatentable over U.S. Patent No. 6,447,448 (Ishikawa et al.). Ishikawa et al. is directed to implanted orthopedic sensors that are substantially spherical semiconductor balls implanted in orthopedic structures for functions such as sensing and/or stimulation. Although remote energizing and interrogation is mentioned, there are no teachings, suggestions or even inferences that are directed toward an apparatus and method for tracking an object in the body using the combination of features of the Applicant's claimed present invention (such as a wireless transponder having at least one sensor coil, a control circuit coupled to the at least one sensor coil and a power coil) as well as a plurality of field generators adapted to generate electromagnetic fields at different respective frequencies and a signal receiver adapted to receive output signal transmitted by the power coil and signal processing circuits operatively connected to the signal receiver for determining three dimensions of position information and at least two dimensions of orientation information wherein the information is the position and orientation coordinates of the object in the body of the subject.

Claims 1, 11, 17, 21, 23, 27, 38, 44 and 48 have been amended in order to further claim that the apparatus and method according to the present invention also comprise signal processing circuits operatively connected to the signal receiver for determining three dimensions of position orientation and at least two dimensions of orientation information wherein the information is the position and orientation coordinates of the object in the body of the subject. The support for


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these amendments can be found in the Applicant's Specification, for example, Page 26, Line 18 – Page 27, Line 27.

Accordingly, by this Amendment, and for the reasons outlined above, the claimed present invention as amended neither described, suggested nor inferred by the Ishikawa et al. reference. Thus, Applicant's claimed present invention as amended is neither anticipated by nor rendered obvious by this reference.

Accordingly, favorable action is respectfully requested.

Respectfully submitted,

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